February 2, 2017

Reference No. 1662150

Dominion
5000 Dominion Boulevard
Glen Allen, VA 23060

Via Email: kenneth.roller@dom.com

Attn: Mr. Kenneth Roller
         Supervisor, Environmental Regulations

**RE: REQUEST FOR CCR POND ANALYTICAL DATA
         POSSUM POINT POWER STATION**

Dear Kenneth:

Per your request, a summary of CCR pond water analysis conducted by Golder Associates, Inc. (Golder) is presented in the following sections for the Possum Point Power Station in Dumfries, Virginia.

Source Water Pond D Sampling:

On October 18-19, 2016 and December 5, 2016, Golder collected samples from Pond D. Sample collection procedures and summary of methods are included in "Pond D Sampling Report" (and Rev 1). Analysis was conducted by an on-site Pace Analytical Services, Inc. (Pace) mobile laboratory and split samples were analyzed by a VELAP-certified laboratory. Data tables are included for on-site and off-site analysis.

On September 22, 2016, Golder collected samples for an algal assay analysis. Samples were collected using Golder standard operating procedure for water sampling. Samples were sent for analysis to Green Water Laboratories. Data package is included.

On November 7, 2016, Golder collected additional water quality parameters to assist with treatment media selection. Samples were analyzed by a VELAP-certified laboratory and data are included in the off-site Pond D data table.

Treatment System Influent Sampling:

Golder began collecting in-line influent samples in September 2016 for off-site analysis by Pace. Data is attached in tabular format.

Treatment System Process Sampling:

On September 1, 2016, Golder began collecting samples from the treatment system at Possum Point for compliance with the approved Conceptual Engineering Report (CER). Golder conducted sampling in accordance with the existing Sampling and Analysis Plan (SAP) and Operations and Maintenance (O&M) Manual provided by GAI Consultants. Process samples were analyzed by Pace's on-site mobile laboratory, using a project-specific modified EPA Method 200.8, in order to report results within one hour. In addition,

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off-site split samples were collected occasionally.   The following is a description of the sampling nomenclature used for process sampling:
-    INF: sampled from influent to the treatment system
-    AET: sample location after the activated alumina (AA) and resin stages of enhanced treatment
-    BET: sample location prior to the resin stage and/or AA
-    T#: composite sample locations were from each of 3 lake tanks within the treatment system
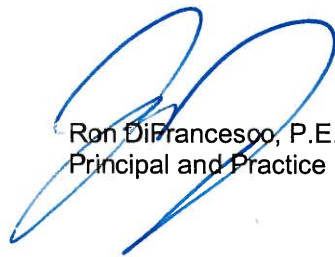
On-site and off-site process data is summarized in separate tables, and supporting data packages are included.

Sincerely,

GOLDER ASSOCIATES INC.

Meagan E. Ormand   Ron DiFrancesco, P.E.
Project Environmental Scientist   Principal and Practice Leader

Cc: Jason Williams, Dominion, (e-copy)

Attachments:
        Source Water Pond D Sampling
        Treatment System Influent Sampling
        Treatment System Process Sampling